

THE MAD HATTER

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A DOUGLAS
NEWSLETTER

Monday June 3, 1974
Volume 137

EDUCATIONAL LEAVE

Any faculty interested in applying for Educational Leave for Spring Semester, 1975, must apply by July 1, 1974. Applications are available from Dr. Porter's office.

PLEASE NOTE: By direction of Principal's Council, material appearing in The Mad Hatter is processed through the Admission's Office without abridgment or editing, except for requirements of space limitations and legal considerations.

NOTICES

DOUGLAS COLLEGE LIBRARY
JUN 1 1974

THE FOLLOWING FILMS WILL BE AT DOUGLAS COLLEGE UNTIL JUNE 5. ARRANGE FOR SCREENING WITH HELEN AT NEW WEST, LOCAL 261.

- Moccasin Flats - Awarded best educational film of the year in the Canadian film awards competition. (See Vancouver Sun, Thursday, May 16, 1974, p.40)
- Frank Film - 1973 Academy Award winner for Best Short Film.
- Spring Man & SS - Witty cartoon statement about the absurdity of Nazi madness
- Special Effects - Motion picture effects.
- Bill Cosby on Prejudice - One long jolting monologue on just about every prejudice spoken by a bogot.
- Basic Law Terms - Textbook terms
- Run Dick, Run Jane - Do you know a 104 - year-old San Francisco waiter who runs six miles every morning before work?
- Kalvak - an artistic Eskimo woman of the Northwest Territories.
- A Journey - Yugoslav film of an average group of people riding in an average train on an average day...maybe.

Thanks to all who so generously supported the WHEEL-A-THON for the handicapped last Saturday. It was a great success, in spite of the rain.

Maureen Buchholz



The Fraser Estuary

Depending on its ultimate design, airport expansion at Sea Island would involve dredging, filling, and construction on Sturgeon Bank.

Sturgeon Bank is part of a complex ecological system — the Fraser River Estuary. Any development on the bank will have ramifications on the whole system — particularly if other developments, like the ferry terminal being considered for Iona Island, also take place in the estuary.

Rich organic system

An estuary is a semi-enclosed coastal body of water made up of both sea and fresh water. The Fraser Estuary, therefore, can be roughly defined as the confluence of the Fraser River and the Strait of Georgia.

It includes Sturgeon Bank, Roberts Bank, Boundary Bay, the river as far up as New Westminster, and the Strait of Georgia to the east coast of Vancouver Island.

Estuaries are the richest organic areas in the world. They are a remarkable system for the containment and efficient utilization of organic matter, water, minerals, and sunlight.

Tides bring in ocean nutrients, and the river carries other nutrients and minerals down from the interior.

Interacting river and ocean waters distribute these rich foods over the mudflats and through the sloughs, inlets, and lagoons of the delta. Sunlight easily penetrates and warms these shallow bodies of water thereby enhancing organic growth.

The banks and foreshore areas of the estuary, alternately covered and exposed by tides and floods, also produce a great quantity and variety of plants and small animal life.

This environment provides the basis for the food chains essential to fish and wildlife.

Abundant fish and wildlife

A century of increasing urbanization and industrial development in the delta has greatly altered the natural state of the Fraser Estuary. Urban sprawl has also encroached on surrounding agricultural land.

Nevertheless, much habitat vital to fish and wildlife still exists, as do areas devoted to fishing, hunting, and recreation.

Waterfowl: Over four million waterfowl travel along the B.C. Coast in their annual migration from South America to Northeastern Siberia and back via the Pacific Flyway. More than a million of them stop at Fraser River marshlands, which provide ideal staging areas for birds to rest.

Because of the relatively mild weather, over 10% stay the entire winter.

Producing food in the form of seeds and roots, the marshlands of Sturgeon and Roberts Banks are critically important feeding areas for the birds. Nearby farmlands provide additional food.

Birds frequenting the area include ducks, geese, gulls, grebes, herons, owls, bald eagles, pheasants, and many kinds of songbirds. Of these, the migrating species are protected by international treaty.

Fish: The Fraser River system supports one of the largest populations of anadromous fish in the world, includ-

ing the five species of Pacific Salmon; Steelhead, Cutthroat, and Rainbow Trout; eulachons and smelts.

Annually, more than one billion young salmon hatched upstream pass through the estuary on their migration to the sea. Recent investigations have shown that, because these salmon spend considerable time in the estuary when they are growing, their survival depends on estuarine food chains.

Alterations to the estuary — such as loss of habitat or changes in its physical condition and water quality — could have dramatic effects on food chains essential to young fish.

This in turn would affect the entire fisheries resource of the Fraser River, which in 1973 provided a catch worth over \$20 million for salmon alone.

Recreation: In addition to commercial fishing, the estuary and foreshore areas are used for sport fishing, hunting, nature study, sight-seeing, boating, walking, and other beach activities.

Popular beaches include Boundary Bay, Crescent Beach, White Rock, Wreck Beach, and, to a lesser extent, Iona Island.

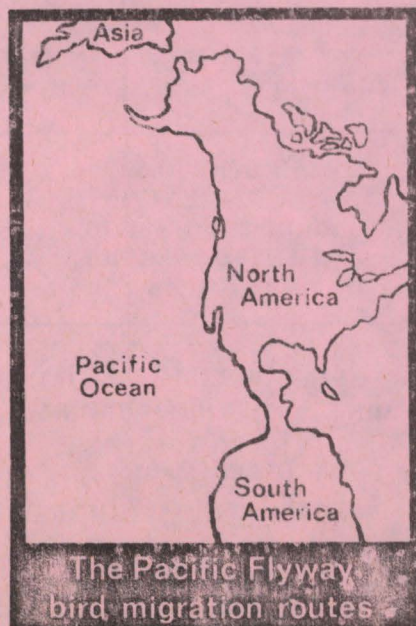
Wildlife preservation areas in the delta, such as the Reifel Island waterfowl refuge, are also important resources for nature study and recreation.

Studies linked to estuary

The purpose of the D.O.E. studies is to look at the estuarine areas at or near proposed airport development; to assess how important these areas are to the preservation of the fish, wildlife, and recreational values described above; and to determine how airport expansion would affect these resources.

The D.O.E. is also examining ways to minimize adverse environmental effects should the development go ahead.

Similarly, the department is evaluating the acceptability of certain trade-offs, for example, loss of wildlife habitat on Sea Island and Sturgeon Bank in return for guaranteed preservation of other areas on Sturgeon Bank, Roberts Bank, and Boundary Bay.



Terms of reference for environmental studies

Six services of the Department of the Environment are collaborating in the environmental impact study of the proposed Vancouver airport expansion.

The services study different but inter-related aspects of the environment. A steering committee meets monthly at the D.O.E. Pacific Regional Office in Vancouver to co-ordinate the study and assess its progress.

While most of the investigations pertain to the Fraser River Estuary, the complete terms of reference relate to other areas that might be affected by airport development.

LANDS DIRECTORATE

This service is examining land use at alternate sites for expanded air service in the Lower Mainland, including Sea Island, Boundary Bay, Abbotsford, and others.

Investigations focus on the physical characteristics and capabilities of land and how it is currently being used.

They are also looking at ways land could be used in the future — urban and industrial development, recreation, agriculture — and how airport development would alter these uses.

FISHERIES SERVICE

This service is assessing the fisheries resources of the Fraser River and the role of the estuary, particularly Sturgeon Bank, in the maintenance of these resources.

They are studying patterns of fish rearing and migration, and the significance of estuarine food chains to the fish that utilize Sturgeon Bank.

Also under study are the possible effects to fisheries from waste disposal and other changes in the physical environment caused by airport development.

CANADIAN WILDLIFE SERVICE

The responsibility of the Wildlife Service is to study how wildlife, particularly waterfowl, use the areas of Sea Island, Iona Island, and Sturgeon Bank that might be changed by airport expansion.

They are conducting waterfowl censuses and are investigating the relationship of specific marsh plants to the food chains which attract birds and other wildlife.

They are also assessing which areas in the delta are the most important to preserve for wildlife habitat.

ENVIRONMENTAL PROTECTION

Besides studying the effects of airport construction, Environmental Protection is investigating how increased air traffic after construction would generate additional air and water pollution, such as surface water run-off of airplane wastes from the new runway.

Another problem is the possible effect airport expansion might have on the sewage outfall channel at Iona

Island, just north of the proposed runway. Other developments now under consideration for the island, including a ferry terminal, make this a particularly important issue.

The Environmental Protection Service is also working with the Ministry of Transport and the GVRD to evaluate existing and potential aircraft noise and its effects on people in various parts of the Lower Mainland.

ATMOSPHERIC SERVICE

This service is providing meteorological information on the Lower Fraser region to the other D.O.E. services.

This information is required for studies of, among other things, the movement of air pollutants, surface storm run-off from airstrips, and meteorological effects on air traffic.

MARINE SCIENCES

It is essential to the Environmental Protection and Fisheries studies of potential water pollution to understand how water circulation at Sturgeon Bank influences the sewage outfall channel from Iona Island.

Marine Sciences is investigating this question, as well as other water characteristics which airport construction and operation might affect, such as temperature and salinity.

They are also studying the water's capacity to absorb or disperse wastes.



FOR ADDITIONAL COPIES OF
THIS BULLETIN
PHONE INFORMATION,
FISHERIES SERVICE,
666-1384

THE HONOURABLE JACK DAVIS
MINISTER OF THE ENVIRONMENT

EDITOR:
GARETH SIROTNIK

PACIFIC REGIONAL OFFICE
1090 WEST PENDER STREET.
VANCOUVER 1, B.C.

STAFF ASSOCIATION

NEWS OF SPECIAL INTEREST

May 28, 1974

Executive meeting held on the New Westminster Campus, 5:00 p.m.

PRESENT: Shirley Froese, Linda Coyle, Ethelyn Metcalfe, Diane Simpson
Pat Keenan, Ann Raffle, Mayme Furber.

Visitor: Barbara Truscott

Barbara Truscott attended this meeting as a representative of the Staff Development Committee to present their proposal for changes in the staff leave (with and without pay) policies.

Ethelyn Moved/Seconded "THAT we accept the Staff Development Committee proposals for consideration in handbook revisions."

CARRIED

The Executive Committee received the resignations of Eloise Lincicum and Bill Caulfield. In further discussion it was decided, in accordance with the current constitution, to appoint interim officers to complete the 1973/74 term.

Pat Moved/Seconded "THAT we accept Eloise Lincicum and Bill Caulfield's resignations with regrets."

CARRIED

Diane Moved/Seconded 1. "THAT Shirley Froese be appointed as PRESIDENT for the remainder of 1973/74 term."

2. "THAT Pat Keenan be appointed as VICE-PRESIDENT for the remainder of 1973-74 term."

3. "THAT two members at large be appointed, namely Linda Coyle and Peter Andrusiak."

CARRIED

NEW BUSINESS

Linda Moved/Seconded "THAT a workshop to revise the staff handbook will be held June 8th from 9:00 a.m. - 5:00 p.m. at Shirley Froese's home. All Staff Association members are welcome to attend and take part. This will be advertised to staff. ADDRESS: 7156 - 68th Street, Delta."

CARRIED

WHAT DO YOU THINK OF STAFF WORKING CONDITIONS AT D.C.?

If you have any ideas about this your chance to air them is SOON!!! The NEGOTIATING COMMITTEE of the Staff Association will shortly be entering into the final stages of negotiation with the Finance Committee of the College Council in the area of WORKING CONDITIONS, and specifically in REVISIONS TO THE STAFF HANDBOOK.

WE WANT YOUR INPUT!

To facilitate this the executive of the staff association is holding a

SPEAK NOW OR FOREVER-HOLD-YOUR-PEACE WORKSHOP

Which is open to all Staff

We will consider such areas as:

- ...Salary increases, promotions and transfers
- ...Educational leave
- ...Leave with and without pay
- ...Grievance procedure
- ...Reclassification
- ...Probationary period
- ...Hiring policy
- ...Benefits and services not available to non-members

THE MORE PEOPLE INVOLVED....THE MORE THE REVISIONS WILL REFLECT THE NEEDS OF ALL MEMBERS

TIME -

SATURDAY, JUNE 8th 9:00 am to 4:00 pm
COME FOR ALL OR PART OF THE DAY

PLACE -

7156 - 68th STREET, DELTA (68th ST. & RIVER RD.)
(lots of space, lots of parking. Car pools ?)

INTENT -

WORK & PLEASURE AND A GOOD YEAR AHEAD)...BRING
YOUR OWN REFRESHMENTS FOR A BANG-UP FINISH!!!

If you are unable to attend, written submissions may be sent to SHIRLEY FROESE, COUNSELLING, NEW WESTMINSTER CAMPUS up to Friday, June 7th.

YOUR HELP IS NEEDED !

INVITATION

to

ALL INTERESTED PARTIES

A special Principal's Council/Curriculum Committee meeting
will be held regarding ADULT BASIC EDUCATION/REMEDIAL EDUCATION/
COLLEGE FOUNDATIONS SERVICES on:

Tuesday, June 4, 1974

9 - 12 NOON

Surrey 4-Room Complex

Mr. Ron Bowcott will present his report and recommendations
on the above areas of study.

Everyone interested is invited.

See How Much Less World Book and Childcraft Cost:

	Regular Parent Price	Regular Educator Discount Price	SPECIAL Educator Discount Sale Price	Dollars LESS Than Regular Parent Price
World Book	\$269 ⁰⁰	\$209 ⁰⁰	\$159 ⁹⁵	\$109 ⁹⁵
Childcraft	\$165 ⁷⁵	\$151 ⁷⁵	\$111 ⁸⁵	\$53 ⁹⁰
			OR only 90.75 with World Book	

*This special offer positively
ends on June 30, 1974.*

CALL: Miss Monica McGovern (Area Manager)
13126-107th Avenue
Surrey, B.C.
Ph. 588-2738 or 588-1687

NO down payment!
NO payments until October!!

IMPORTANT!

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The lounge on the Surrey Campus (opposite the 4-Rm Complex) will not be used during the summer months. If you would like to make use of this area during lunch hours and breaks as a place to relax, converse, eat etc. - please let Rick Reynolds know so that a coffee machine may be provided.



livin' isn't always easy in the
summer! The print shop is busy
year 'round, so if you have an
important job, please get it in
early....

Tom

Diplomas, test papers, assignments, stationery,
Med Hatters, Form printing, classroom aids,
Stationery, test papers, worksheets, Forms,
Diplomas, Certificates, Form letters, letters
of Acceptance, test papers, assignments
Office forms, Med Hatters,

News releases, Bulletins
Special Advertising Posters
Career program brochures
Test Papers, Med

Hatters, Form
Printing, Diplomas
Stationery, letters
Acceptance
Notices, News
Releases,
Career
Program
Brochures
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